1   7.   (Amended) The decoding apparatus of claim 20, wherein the means

2   for storing stores bit errors of plural video frames by plotting pixel blocks in which

3   bit error is detected in each video frame in a form of decoding error maps.

Please add the following new claims 12-20:

1   12.   (Newly Added) A method for decoding an image signal representing

2   motion, the image signal being a bit stream of a coded compressed video signal,

3   the method comprising the steps of:

4   decoding the bit stream for information defining pixel blocks;

5   detecting an error in the information of one of the pixel blocks;

6   storing error information of the one of the pixel blocks in an error memory;

7   storing, in a frame memory, video information of at least two frames which

8   are prior to a present frame;

9   generating, from the at least two frames, at least two predicted pixel blocks

10 corresponding to a present pixel block in the present frame;

11   judging if one of the at least two predicted pixel blocks corresponds to error

12 information stored in the error memory; and

13   based on the judging, determining if the one of the at least two predicted

14 pixel blocks is used in reconstructing the present pixel block.

15   13.   (Newly Added) The method for decoding an image signal of claim

16 12, wherein each of the predicted pixel blocks is generated from reconstructed

17 video frames by using motion vectors which correspond to the reconstructed video

18 frames.

19   14.   (Newly Added) The method for decoding an image signal of claim
20   12, wherein if one of the at least two predicted pixel blocks is judged to correspond
21   to error information stored in the error memory, the other of the at least two
22   predicted pixel blocks is used in reconstruction of the present pixel block.

23   15.   (Newly Added) The method of decoding an image signal of claim
24   12, wherein if the at least two predicted pixel blocks are judged not to correspond
25   to error information stored in the error memory, an average of the at least two
26   predicted pixel blocks is used in reconstructing of the present pixel block.

        16.   (Newly Added) A method for decoding an image signal representing
2   motion and reconstructing video frames of the image signal, the method
3   comprising the steps of:

4   decoding the image signal to define pixel blocks of video frames;

5   generating decoding error maps indicating decoding errors of pixel blocks
6   of a video frame;

7   storing the decoding error maps in error memory;

8   storing in a frame memory video information of at least two frames which
9   are prior in time to a present video frame;

10   generating, from the at least two frames, at least two predicted pixel blocks
11   corresponding to a present pixel block in the present video frame;

12   determining if a predicted pixel block corresponds to a decoding error in a
13   decoding error map stored in the error memory; and

14   based on the determining, judging if the predicted pixel block is used in
15   reconstructing the present video block.

1   17.   (Newly Added) A decoding apparatus for decoding an image signal

2   representing motion; the decoding apparatus comprising;

3   a decoding device for decoding the image signal to define pixel blocks of

4   video frames;

5   means for detecting decoding errors of the pixel blocks;

6   an error memory for storing decoding error maps of the decoding errors of

7   the pixel blocks;

8   motion compensation means for generating at least two predicted pixel

9   blocks corresponding to a present block in a present video frame; and

10   predicted image selecting means, based on the decoding error maps,

11   determining if the predicted pixel blocks include decoding errors and thereby

12   determining use of the predicted pixel blocks in reconstructing the present block.

1   18.   (Newly Added) The decoding apparatus of claim 17, wherein the

2   video signal is a bit stream of variable length code, and the decoding device

3   separates and decodes the variable length code from the bit stream and writes

4   presence or absence of decoding errors in the decoding error maps.

1   19.   (Newly Added) The decoding apparatus of claim 17, wherein the

2   motion compensation means generates one predicted pixel block based on a

3   reconstructed video frame which is one frame before the present frame, and

4   generates another predicted pixel block based on a reconstructed video frame

5   which is two frames before the present frame.

20.   (Newly Added) A decoding apparatus for decoding an image signal

2   representing motion, the image signal being a bit stream of a coded compressed

3   video signal, the decoding apparatus comprising:

4   means for decoding the bit stream for information defining pixel blocks;

5   means for detecting an error in the information of one of the pixel blocks;

6   means for storing error information of the one of the pixel blocks in an error
7   memory;

8   means for storing video information of at least two frames which are prior
9   to a present frame;

10   means for generating, from the at least two frames, at least two predicted
11 pixel blocks corresponding to a present pixel block in the present frame;

12   means for judging if one of the at least two predicted pixel blocks corresponds
13 to error information stored in the means for storing; and

14   means for determining if the one of the at least two predicted pixel blocks is
15 used in reconstructing the present block, based on judging of the means for
16 judging.